Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 030572 Attorney Docket No. UTILITY PATENT APPLICATION S. Ryals First Inventor TRANSMITTAL WIRE GUIDE Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) ER524413186US Express Mail Label No. Mail Stop Patent Application Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 1. X (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 20 3. X Specification Computer Readable Form (CRF) [Total Pages_ (preferred arrangement set forth below) Descriptive title of the invention Specification Sequence Listing on: Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Paper - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description **ACCOMPANYING APPLICATION PARTS** - Abstract of the Disclosure 9. X Assignment Papers (cover sheet & document(s)) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 3 5. Oath or Declaration [Total Sheets English Translation Document (if applicable) a. X Newly executed (original or copy) Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d)) 13. L Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. X (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. 🖳 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. 🗀 Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation □ Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 26285 X Customer Number: OR Correspondence address below Name Address City Zip Code State Country Telephone Fax

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent)

54,771

Name (Print/Type)

Craig M. Waller

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PTO/SB/17 (10-03)
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EEE TOANGMITTAL			C mplete if Known						
FEE TRANSMITTAL for FY 2004		Application Number			er				
		Filing	Filing Date						
		First Named Inventor		tor S.	Ryals				
Effective 10/01/2003. Patent fees are subject to annual revision.			Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27		Art Unit							
TOTAL AMOUNT OF PAYMENT (\$) 810.00			ey Doc	ket N	o. 03057	2			
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
	3 4	3. ADDITIONAL FEES							
Order C C			arge Entity 1 Small Entity						
Deposit Account:	Fee	I I CC DESCRIDATION							
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Number Deposit Account Kirkpatrick & Lockhart LLP	1052	50 2052 25 Surcharge - late provisional filing fee or							
Account Name			cover sheet						
The Director is authorized to: (check all that apply)	1053	130 2,520	1053 1812 2			English specification ling a request for ex parte reexamination			
Charge fee(s) indicated below X Credit any overpayments	1804		1804			esting publication of SIR prior to			
x Charge any additional fee(s) or any underpayment of fee(s)		320	1004		Examiner action				
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805 1		Requesting public Examiner action	esting publication of SIR after inner action			
FEE CALCULATION	1251	110	2251	55	Extension for repl	y within first month	I		
1. BASIC FILING FEE	1252	420	2252	210	Extension for repl	ly within second month	1		
Large Entity Small Entity	1253		2253	475	Extension for repl	ly within third month			
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for repl	ly within fourth month			
1001 770 2001 385 Utility filing fee 770.	1255	2,010	2255	1,005	Extension for repl	ly within fifth month			
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		-		
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in su	pport of an appeal			
1004 770 2004 385 Reissue filing fee	1403		2403	145	Request for oral h	earing			
1005 160 2005 80 Provisional filing fee	1451	•				e a public use proceeding	<u> </u>		
SUBTOTAL (1) (\$) 770.00	1452		2452		Petition to revive -				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330 1,330	2453 2501		Petition to revive				
Fee from Extra Claims below Fee Paid			2502		Utility issue fee (o Design issue fee	i reissue)			
Total Claims 20 -20** = 0 x = 0	1502 1503		2503		Plant issue fee				
Independent 3 - 3** = 0 x = 0	1460	130	1460	130	Petitions to the Co	ommissioner			
Multiple Dependent		50	1807	50	Processing fee ur	nder 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806		•	ormation Disclosure Stmt			
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	8021	40	Recording each pa	atent assignment per imber of properties)	40.00		
1202 18 2202 9 Claims in excess of 20	1809		2809			imber of properties) on after final rejection			
1201 86 2201 43 Independent claims in excess of 3	1009	,,,,	2009		(37 CFR 1.129(a)				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810		For each additions				
1204 86 2204 43 ** Reissue independent claims over original patent	1801	1 770	2801		examined (37 CFI Request for Conf	R 1.129(b)) tinued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20	1802		1802		•	edited examination			
and over original patent	Otho	r foe (en	of a design application						
SUBTOTAL (2) (\$) -0-	Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00								
"For number previously paid, if greater; For Reissues, see above 300101AE (3) ((5) 40.00									
SUBMITTED BY (Complete (if applicable)) Name (Print/Type) Craig M. Waller Registration No. (Attorney/Agent) 54,771 Telephone (412) 355-835.							50255		
Name (Print/Type) Craig M. Waller		(Attorney/		54,	.//1	Dete (412) 35	1/12		

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